PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known	
Application Number	10/763,380
Filing Date	January 26, 2004
First Named Inventor	Maurice M. Moloney
Art Unit	1638
Examiner Name	Unknown
Attorney Docket Number	9369-292

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/G.R./		US-5,650,554	7/22/1997	Moloney et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
/G.R./		EP 0193259	9/1986 ✓			

Examiner Signature	/Ganapathiram Raghu/	Date Considered	09/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08b(08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 4

Complete if Known	
Application Number	10/763,380
Filing Date	January 26, 2004
First Named Inventor	Maurice M. Moloney
Art Unit	1638
Examiner Name	Unknown
Attorney Docket Number	9369-292

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/G.R./	1.	Radke et al., "Transformation of Brassica napus L. using Agrobacterium tumefaciens: Developmentally Regulated Expression of a Reintroduced Napin Gene", Theor. Appln. Genet. (1988) 75:685-694	
	2.	Taylor et al., "Storage-protein Regulation and Lipid Accumulation in Microspore embryos of Brassica napus L.", Planta (1990) 181:18-26	
	3.	Sijmons et al., "Production of Correctly Processed Human Serum Albumin in Transgenic Plants" Bio/Technology (1990) 8:217-221	
	4.	Huang, "Lipid Bodies" Modern Methods Plant Analysis (1985) 1:145-151 ✓	
	5.	Misra and Gedamu, "Heavy Metal Tolerant Transgenic Brassica napus L. and Nicotiana tabacum L. Plants" Theor. Appl. Genet. (1989) 78:161-168	
	6.	Hatzopoulos et al., "Interaction of Nuclear Factors with Upstream Sequences of Lipid Body Membrane Protein Gene from Carrot" The Plant Cell (1990) 2:457-467	
	7.	Lee et al., "Maize Oleosin is Correctly Targeted to Seed Oil Bodies in Brassica napus Transformed with the Maize Oleosin Gene" PNAS USA (1991) 88:6181-6185 ✓	
	8.	Vance and Huang, "Expression of Lipid Body Protein Gene during Maize Seed Development" J. Biol. Chem. (1988) 263:1476-1481 ✓	
	9.	Vance and Huang, "The Major Protein from Lipid Bodies of Maize" J. Biol. Chem. (1987) 262:11275-11279 ✓	
	10.	Qu and Huang, "Oleosin KD 18 on the Surface of Oil Bodies in Maize" J. Biol. Chem (1990) 265:2238-2243.	
/G.R./	11.	Sengupta-Gopalan et al., "Developmentally Regulated Expression of the Bean Beta-phaseolin Gene in Tobacco Seed" PNAS USA (1985) 82:3320-3324 ✓	

Examiner Signature	/Ganapathiram Raghu/	Date Considered	09/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08b(08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 4

Complete if Known	
Application Number	10/763,380
Filing Date	January 26, 2004
First Named Inventor	Maurice M. Moloney
Art Unit	1638
Examiner Name	Unknown
Attorney Docket Number	9369-292

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/G.R./	12.	Fraley et al., "Expression of Bacterial Genes in Plant Cells" PNAS USA (1983) 80:4803-4807	
	13.	Vanderkerckhove et al., "Enkephalins Produced in transgenic Plants using Modified 2S Seed Storage Proteins" BIO/Technology (1989) 7:929-932	
	14.	Murphy et al., "Synthesis of the Major Oil-body Membrane Protein in Developing Rapeseed (Brassica napus) Embryos" Biochem J. (1989) 258:285-293	
	15.	Qu et al., "Characteristics and Biosynthesis of Membrane Proteins of Lipid Bodies in the Scutella of Maize (Zea mays L.)" Biochem. J. (1986) 235:57-65	
	16.	Josefsson et al., "Structure of a Gene Encoding the 1.7 S Storage Protein Napin, from Brassica napus" J. Biol. Chem (1987) 262:12196-12201	
	17.	Scofield and Crouch, "Nucleotide Sequence of A Member of the Napin Storage Protein Family From Brassica napus" J. Biol. Chem. (1987) 262:12202-12208	
	18.	Fujikawa et al., "Bovine Factor X1 (Stuart Factor), Mechanism of Activation by a Protein from Russell's Viper Venom" Biochemistry (1972) 11:4892-4899	
	19.	Nagai et al., "Oxygen Binding Properties of Human Mutant Hemoglobins Synthesized in Escherichia coli" PNAS USA (1985) 82:7252-7255	
	20.	Scholtissek and Grosse, "A Plasmid Vector System for the Expression of a Triprotein Consisting of Beta galactosidase, a Collagenase Recognition Site and a Foreign Gene Product" Gene (1988) 62:55-64	
	21.	Bevan, "Binary Agrobacterium Vectors for Plant Transformation" Nucl. Acids. Res. (1984) 12:"8711-8721	
/G.R./	22.	Murphy et al., "A class of Amphipathic Proteins Associated with Lipid Storage Bodies in Plants" Biochem. Biophys. Acta (1991) 1088:86-94	

Examiner Signature	/Ganapathiram Raghu/	Date Considered	09/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08b(08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4 of 4

Complete if Known	
Application Number	10/763,380
Filing Date	January 26, 2004
First Named Inventor	Maurice M. Moloney
Art Unit	1638
Examiner Name	Unknown
Attorney Docket Number	9369-292

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
/G.R./	23.	Antoni et al., "A Short Synthetic Peptide Fragment of Human Interleukin 1 with Immunostimulatory But not Inflammatory Activity" J. Immunol. (1986) 137:3201-3204	
	24.	An et al., "New Cloning Vehicles for Transformation of Higher Plants" Embo J. (1985) 4:277-284	
	25.	Hood et al., "The Hypervirulence of Agrobacterium tumefaciens A281 is encoded in a Region of pTiBo542 outside of T-DNA" J. Bacteriol. (1986) 168:1291-1301	
	26.	Holbrook et al., "Oilbody Proteins in Microspore-derived Embryos of Brassica napus" Plant Physiol. (1991) 97:1051-1058	
	27.	Kalinski et al., "Molecular Cloning of a Protein Associated with Soybean Seed Oil Bodies that is Similar to Thiol Proteases of the Papain Family" J. Biol. Chem. (1990) 265:13843-13848	
	28.	Bosch et al., "A trout growth hormone is expressed, correctly folded and partially glycosylated in the leaves but not the seeds of transgenic plants" Transgenic Research (1994) 3:304-310	
	29.	Chen, Jeff C.F. et al., "Cloning and Secondary Structure Analysis of Caleosin, a Unique Calcium-Binding Protein in Oil Bodies of Plant Seeds", Plant Cell Physiol. 40 (10), 1079-1086 (1999).	
	30.	Naested, Henrich, et al., "Caleosin: Ca2+-binding proteins associated with lipid bodies", Plant Molecular Biology, 44:463-476, 2000.	
/G.R./	31.	Nuccio, Michael L. and Terry L. Thomas, "ATS1 and ATS3: two novel embryo-specific genes in Arabidopsis thaliana", Plant Molecular Biology 39:1153-1163, 1999.	

Examiner Signature		Date Considered	09/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.